



HENKEL CONSUMER ADHESIVES  
50 WEST DRIVE  
BRAMPTON, ONTARIO CANADA L6T 2J4  
(905) 459-1140

PRODUCT : LEPAGE PRO 2000 PLUS - COLOUR GROUP I



## SECTION 01: PRODUCT INFORMATION

MANUFACTURER.....HENKEL CONSUMER ADHESIVES  
50 WEST DRIVE  
BRAMPTON, ONTARIO  
CANADA ; L6T 2J4  
(905) 459-1140  
AFTER HOURS - CANUTEC (613) 996-6666

WHMIS CLASSIFICATION.....B4. D2A. D2B. WHEN THIS PRODUCT IS LABELLED AS A CONSUMER PRODUCT IT IS  
EXEMPT FROM WHMIS REGULATIONS. (SEE SECTION 12(f) OF THE HAZARDOUS  
PRODUCTS ACT).

T.D.G. CLASSIFICATION.....SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (PETROLEUM NAPHTA). CLASS 4.1,  
UN 3175, PKG GP II. WHEN THIS PRODUCT IS LABELLED AS A CONSUMER COMMODITY  
IT IS EXEMPT FROM T.D.G. REGULATIONS (SEE SECTION 2.7(1) OF TRANSPORTATION  
OF DANGEROUS GOODS REGULATIONS).

PRODUCT NAME.....LEPAGE PRO 2000 PLUS - COLOUR GROUP I  
COLOUR GROUP I MAY INCLUDE.....WHITE. IVORY. GREY. BROWN. FOREST GREEN. WEDGEWOOD BLUE. BRONZE

CHEMICAL FAMILY.....THERMOPLASTIC

MATERIAL USE.....SEALANT

## SECTION 02: HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS                          | %     | EXPOSURE LEVELS                          | C.A.S. #   | LD/50, ROUTE, SPECIES                        | LC/50, ROUTE, SPECIES      |
|--|-------|--|------------|--|----------------------------|
| Solvent naptha (petroleum),<br>light aliphatic | 15-40 | TLV: 300ppm 8hrTWA<br>PEL: 500ppm 8hrTWA | 64742-89-8 | >5g/kg,oral,rat<br>>3.16g/kg,skin,<br>rabbit | Not available              |
| Xylene   | 10-30 | 100 ppm                                  | 1330-20-7  | 4300mg/kg rat,oral                           | 5000ppm/4hr rat,<br>inhal. |

## SECTION 03: PHYSICAL DATA

PHYSICAL STATE.....Paste

APPEARANCE & ODOUR.....Coloured. High viscosity smooth mastic with moderate solvent odor.

ODOUR THRESHOLD (ppm).....No data available

VAPOUR PRESSURE (mm Hg).....5.1 mm / 20 deg C

VAPOUR DENSITY (AIR=1).....Heavier than air

VOLATILES %

BY VOLUME

BY WEIGHT.....35-40

EVAPORATION RATE.....Slower than n-butyl acetate

BOILING POINT.....Not available

FREEZING POINT.....Not available

pH.....Not applicable

SPECIFIC GRAVITY.....~ 1

SOLUBILITY IN WATER (% W/W).....Insoluble in water

COEFFICIENT OF WATER/OIL.....Not applicable

DISTRIBUTION

## SECTION 04: FIRE & EXPLOSION DATA

FLAMMABILITY.....FLAMMABLE SOLID

IF YES, UNDER WHICH.....Excessive heat, sparks and open flame

CONDITIONS?

EXTINGUISHING MEDIA.....Foam. Carbon dioxide. Dry chemical

SPECIAL PROCEDURES.....Fire fighters should be equipped with self-contained breathing apparatus  
to protect against potentially toxic and irritating fumes. Water stream  
directed into fire may cause frothing with subsequent spread of fire.

FLASH POINT (C), METHOD.....21 deg C, CC

AUTO IGNITION TEMPERATURE.....Not available

UPPER FLAMMABLE LIMIT (% VOL).....7.0 % (in air)

LOWER FLAMMABLE LIMIT (% VOL).....1.0 % (in air)

HAZARDOUS COMBUSTION PRODUCTS....Irritating and/or toxic gases or fumes may be generated by thermal  
decomposition or combustion. Closed containers may rupture or explode (due  
to pressure build-up) when exposed to extreme heat. Strong oxidizers.  
Empty containers may contain explosive vapors or dangerous residues.

EXPLOSION DATA

SENSITIVITY TO STATIC.....May be sensitive

DISCHARGE

SENSITIVITY TO IMPACT.....Not applicable

RATE OF BURNING.....Not applicable

EXPLOSIVE POWER.....Not applicable

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## SECTION 05: REACTIVITY DATA

## CHEMICAL STABILITY:

YES.....Stable under normal temperature and pressure.

NO, WHICH CONDITIONS ?

## COMPATIBILITY WITH OTHER

## SUBSTANCES:

YES

NO, WHICH ONES?.....Strong bases or oxidants. Strong Lewis or mineral acids

REACTIVITY CONDITIONS ?.....Sources of ignition.

HAZARDOUS PRODUCTS OF.....Acrid fumes. Oxides of carbon (CO,CO2)

## DECOMPOSITION

## SECTION 06: TOXICOLOGICAL PROPERTIES

## ROUTE OF ENTRY:

SKIN CONTACT.....Moderate irritant. May cause dermatitis and allergic responses.

SKIN ABSORPTION.....Repeated or prolonged overexposure may cause sensitization.

EYE CONTACT.....Moderate irritant. May cause reversible corneal injury.

INHALATION, ACUTE :.....Irritating to respiratory tract. Intoxicant. Overexposure shown by headache, dizziness and confusion to coma. Material aspirated into lungs may cause chemical pneumonitis.

INGESTION.....May cause irritation/burns of mouth, throat and stomach. Symptoms include nausea, abdominal pain and possible collapse.

EFFECTS OF ACUTE EXPOSURE.....Possible skin, eye, and respiratory tract irritation.

EFFECTS OF CHRONIC EXPOSURE.....This product contains xylenes. High exposure to xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus. The significance of these findings to humans has not been determined. Deliberate and repeated inhalation of concentrated solvent vapors may cause permanent neurological damage. Preexisting pulmonary and dermatological disorders may be aggravated by exposure to hazardous components.

LD 50 OF MATERIAL, SPECIES &amp;....Refer to hazardous ingredients section.

## ROUTE

LC 50 OF MATERIAL, SPECIES &amp;....Refer to hazardous ingredients section.

## ROUTE

EXPOSURE LIMIT OF MATERIAL.....Not established

IRRITANCY OF MATERIAL.....Moderate

SENSITIZING CAPABILITY OF.....Repeated contact may cause allergic skin and/or respiratory reactions resulting in sensitization of the individual. Respiratory sensitivity results in asthma-like symptoms on subsequent exposure.

MUTAGENICITY OF MATERIAL.....Not indicated

TERATOGENICITY OF MATERIAL.....Xylenes have produced fetotoxic effects in animals, in the absence of maternal toxicity. The significance of these effects to humans has not been determined.

CARCINOGENICITY OF MATERIAL.....None known

REPRODUCTIVE EFFECTS.....Xylenes represent an embryotoxic hazard in animals. Effects of exposure to xylenes on humans have not been confirmed.

SYNERGISTIC MATERIALS.....None known

## SECTION 07: PREVENTATIVE MEASURES

## PROTECTIVE EQUIPMENT

GLOVES/ TYPE.....Wear impervious gloves (in neoprene or rubber).

RESPIRATORY/TYPE.....If the TLV is exceeded, or if used in a poorly ventilated space or area with limited ventilation, use an approved respirator in accordance with applicable safety regulations. Use approved respirator for dusts and mists when sanding, grinding or machining cured compound.

EYE/TYPE.....Wear chemical safety goggles.

FOOTWEAR/TYPE.....Work shoes

CLOTHING/TYPE.....Wear adequate protective clothes.

OTHER/TYPE.....Eye bath and safety shower.

ENGINEERING CONTROLS.....Local exhaust as needed to control vapor/dust levels to below recommended limits.

LEAK/SPILL.....Ventilate area. Eliminate all sources of ignition. Wear appropriate protective equipment during cleanup. Shut off source of leak if safe to do so. Scrape or shovel into containers. Cover loosely and remove to appropriate well ventilated area until disposal. Wash spill area with soap and water. Prevent washings from entering waterways. For small spills: wipe up. Wait until solidification. Discard.

WASTE DISPOSAL.....In accordance with municipal, provincial and federal regulations. Since emptied container retains product residues all labelled hazard precautions must be observed.

HANDLING PROCEDURES AND.....Do not take internally. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Avoid breathing EQUIPMENT vapor/dust/mist. Wash thoroughly after handling. Tightly reseal all partially used containers. Avoid smoking, drinking or eating in use. Use adequate ventilation.

STORAGE NEEDS.....Store away from all sources of heat and ignition. Store empty containers away from heat and flame. KEEP AWAY FROM CHILDREN.

SPECIAL SHIPPING INSTRUCTIONS....Ship in accordance with applicable Transportation of Dangerous Goods (TDG) regulations.

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## SECTION 08: FIRST AID MEASURES

SKIN CONTACT.....Remove contaminated clothing. Wash affected area with water and soap. Seek medical attention if irritation occurs or persists.

EYE CONTACT.....Immediately flush with water for a minimum of 15 minutes holding lids apart to ensure flushing of entire surface. Washing within 1 minute is essential to achieve maximum effectiveness. Obtain immediate medical attention.

INHALATION.....Remove victim to fresh air. If not breathing qualified personnel should administer artificial respiration. Get medical attention.

INGESTION.....Do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs. Obtain immediate medical attention.

## SECTION 09: PREPARATION INFORMATION

PREPARED BY:.....Regulatory Affairs

TELEPHONE NUMBER:.....(905) 459-1140

DISCLAIMER2:.....All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by Henkel Consumer Adhesives as to the effects of such use, the results obtained, or the safety and toxicity of the product nor does Henkel Consumer Adhesives assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

PREPARATION DATE.....JUN 17/2002

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